

November 27, 2006
US Serial No. 09/835,537

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Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of the Claims

Claims 1 – 18 (canceled)

19. (previously amended) A method of treating a prion disease in a mammal, comprising selecting a mammal for treatment of a prion disease that is suffering from or susceptible to a prion disease and administering an effective amount of a chaotropic agent selected from a guanidine salt, sodium iodide, potassium iodide, or combinations thereof to the mammal.

20. (previously canceled)

21. (previously amended) The method according to claim 19, wherein said agent is guanidine hydrochloride.

22. (previously amended) The method of claim 19, wherein the prion disease is transmissible spongiform encephalopathy.

23. (currently amended) The method according to claim 19~~19~~, wherein said prion disease is scrapie, transmissible mink encephalopathy, chronic wasting disease, bovine spongiform encephalopathy, spongiform encephalopathy of exotic ruminants, feline spongiform encephalopathy, kuru, Creutzfeldt-Jakob disease (CJD), fatal familial insomnia, Gerstmann-Straussler-Scheinker syndrome, or new-variant Creutzfeldt-Jakob disease (nvCJD).

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24. (previously amended) The method according to claim 23, wherein said mammal is human, cow, sheep, mink, or cat .
25. (previously amended) The method according to claim 19, wherein said prion disease is bovine spongiform encephalopathy.
26. (previously amended) The method according to claim 25, wherein said mammal is a cow.
27. (currently amended) The method according to claim 19, wherein said prion disease is CJD or nvCJD.
28. (previously amended) The method according to claim 27, wherein said mammal is human.
29. (previously amended) The method of claim 19, further comprising inducing hyperthermia in said mammal during the course of treatment with the chaotropic agent(s).
30. (currently amended) The method of claim 21, wherein between about 5 mg and about 40 mg per kilogram of guanidine hydrochloride is administered per day.
31. (previously submitted) The method according to claim 19, wherein said agent is potassium iodide.
32. (currently amended) The method of claim 31, wherein between 130 and 260 mg per kilogram of potassium iodide is administered per day.
33. (previously presented) The method according to claim 29, wherein said hyperthermia is produced through applying microwave energy.

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34. (previously presented) The method according to claim 29, wherein said hyperthermia is induced by administering pyrogenic material to the mammal.

35. (previously presented) The method according to claim 34, wherein said pyrogenic material is a mixture of inactivated bacterial toxins.